

**Work Order ID 107656****\*107656\***

Page 1

September-27-13 1:05:31 PM

Item ID: 646.4001

Accept

**\*N900040100\***

Setup Start

**\*NS1\***

Revision ID:

Stop

**\*NS2\***

Item Name: AS350 Cable Cutters

Start Date: 9/27/13 Start Qty: 1.00

**\*1\***

Cust Item ID:

Required Date: 9/27/13 Req'd Qty: 1.00

**\*1\***

Customer:

Reference:

Approvals: Process Plan: MLJDate: 13-09-30 Tooling:

Date:

Run Start

**\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop

**\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
646.4000	A								
100		0.00							
<b>*100*</b>	DOCUMENT CONTROL								
DC	Memo <u>MLJ</u>	0.00							
Document Control	Photocopy bluefile & type labels per PPP 646.4001								
110	Pick Kit	0.00							
<b>*110*</b>									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
<b>*120*</b>									
QC	Memo	0.00							
Quality Control									

13/10/18  
DAS  
6  
9:891X  
DAS  
28  
13-10-2DAS  
31  
9:8913/10/18  
DAS  
6  
9:89

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear				General							
Bending	<input type="checkbox"/>	Bend	<input type="checkbox"/>	Grain	<input type="checkbox"/>	Ovalized	<input type="checkbox"/>	Pressure/Forced			
Centre Not Concentric to O/S	<input type="checkbox"/>	BOM/Route	<input type="checkbox"/>	Hardware	<input type="checkbox"/>	Over/Under tolerance	<input type="checkbox"/>	Temperature/Cure			
Cracks	<input type="checkbox"/>	Broken/Damaged	<input type="checkbox"/>	Inspection Incomplete	<input type="checkbox"/>	Part Incorrect	<input type="checkbox"/>	Weld			
Crushed/Crimped.	<input type="checkbox"/>	Burrs	<input type="checkbox"/>	Instructions Incomplete/Unclear	<input type="checkbox"/>	Part Lost/Missing	<input type="checkbox"/>	Wrong Stock Pulled			
Cuffs	<input type="checkbox"/>	Contamination	<input type="checkbox"/>	Maintenance	<input type="checkbox"/>	Part Moved	<input type="checkbox"/>				
Heat Treat	<input type="checkbox"/>	Countersink	<input type="checkbox"/>	Mislabeled	<input type="checkbox"/>	Positioned Wrong	<input type="checkbox"/>				
Inspection Strip in Tube	<input type="checkbox"/>	Cut Too Short	<input type="checkbox"/>	Misread	<input type="checkbox"/>	Power Loss/Surge	<input type="checkbox"/>				
Ripples in Bend	<input type="checkbox"/>	Drill Holes	<input type="checkbox"/>	Offset	<input type="checkbox"/>	Other	<input type="checkbox"/>				
Torque Waves in Extrusion	<input type="checkbox"/>	Drawing	<input type="checkbox"/>	Out of Calibration	<input type="checkbox"/>		<input type="checkbox"/>				
Turning Sequence	<input type="checkbox"/>	Finish	<input type="checkbox"/>	Out of Sequence	<input type="checkbox"/>		<input type="checkbox"/>				
Wave/Twist in Tube	<input type="checkbox"/>	Folio	<input type="checkbox"/>	Outside Dimensions	<input type="checkbox"/>		<input type="checkbox"/>				

Work Order ID 107656

\*107656\*

Page 2

September-27-13 1:05:31 PM

Item ID: 646.4001

Accept

\*N900040100\*

Setup

Start

\*NS1\*

Stop

\*NS2\*

Revision ID:

Item Name: AS350 Cable Cutters

Start Date: 9/27/13 Start Qty: 1.00

\*1\*

Cust Item ID:

Required Date: 9/27/13 Req'd Qty: 1.00

\*1\*

Customer:

Reference:

Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start	*NR1*
	QC:	Date:	SPC (Y/N):	Date:	Stop		*NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 <b>*130*</b> Packaging	Packaging	0.00				1	8	13-10-21	
Packaging	Memo	0.00	686	9	SPC				
	Identify and pack for shipping as per PPP 646.4001								
	Location: <u>092</u>								
140 <b>*140*</b> QC	QC21- Final Inspection - Work Order Release	0.00							
Quality Control	Memo	0.00							

JJ/RM 13/10/21  
CMC  
13-10-21

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS						
			Rework Scrap Use-as-is Work Order Update	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other				
Part No. _____  NCR No. _____											
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio  <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions						<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge  <input type="checkbox"/> Other	<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled

## Picklist Print

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**Work Order ID:** 107656

**Parent Item:** 646.4001

**Parent Item Name:** AS350 Cable Cutters

**Start Date:** 9/27/13

Required Date: 9/27/13

Start Qty: 1.00

**Required Qty:** 1.00

Comments: IPP REV:A 12.10.23 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
646.3301 Upper Cutter Assy <i>DAS 6 9-89</i>		Manufactured	No				Each	10.0000		1		13-10-3	
				<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			<i>DAS 28 9-89</i>	
				ST544			10						
				102876			4						
				125083			6						
646.3001 Lower Cutter Assy <i>DAS 6 9-89</i>		Manufactured	No				Each	4.0000		1		<i>DAS 31 9-89</i>	
				<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			<i>DAS 28 9-89</i>	
				ST537			4						
				101102			1						
				125083			3						
646.2910 Deflector <i>DAS 6 9-89</i>		Manufactured	No				Each	14.0000		1		<i>DAS 28 9-89</i>	
				<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			<i>DAS 31 9-89</i>	
				ST426			9						
				101543			5						
				105844			4						
				st535			1						
				100122			1						
				st543			4						
				100811			4						
646.3810 Bracket <i>DAS 6 9-89</i>		Manufactured	No				Each	11.0000		2		<i>DAS 28 9-89</i>	
				<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			<i>DAS 31 9-89</i>	
				ST524			11						
				102933			11						

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____		DISPOSITION			AGAINST DEPARTMENT/PROCESS					
Part No. _____		Rework <input type="checkbox"/>	Scrap <input type="checkbox"/>	Use-as-is <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>		
NCR No. _____		Work Order Update <input type="checkbox"/>	Machining <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>			
			Large Fab <input type="checkbox"/>	Finishing <input type="checkbox"/>	Composite <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>			
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data										
Equip/Tooling										
Operator										
Material										
Setup										
Other										
Process										
Supplier										
Training										
Unapproved										
FAULT CATEGORY										
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions						
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other						

# Picklist Print

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Page 2

Work Order ID: 107656

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutters

Start Date: 9/27/13

Start Qty: 1.00

Required Date: 9/27/13

Required Qty: 1.00

646.3510  
Strut  
6 9-89

Manufactured No Each 7.0000

1

13-10-3

646.3511  
Strut

Manufactured No Each 16.0000

1

DAS  
31  
9-89

646.3512  
Strut

Manufactured No Each 12.0000

1

DAS  
31  
9-89

646.3513  
Strut

Manufactured No Each 19.0000

1

DAS  
31  
9-89

DAS  
3 9-89

Location	Loc Qty	Loc Code
ST519	12	
94618	12	

NCR: Yes / No

## **WORK ORDER NON-CONFORMANCE / UPDATE**

DQA: Date:

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>				
Part No. _____											
NCR No. _____											
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio		<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions		<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled  <input type="checkbox"/> Other	

# Picklist Print

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Page 3

Work Order ID: 107656

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutters

Start Date: 9/27/13

Required Date: 9/27/13

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0332P  
Washer

Purchased No Each 8,510.0000

134

28

13-10-3

DAS  
6  
9-89

Location	Loc Qty	Loc Code
GA	182	
122063	182	
ST294	158	
122063	158	
ST295	3	
123352	3	
st510	3167	
123900	3167	
ST510a	5000	
125646	5000	

DAS  
31  
9-89

134X

MS21042L3  
Nut

Purchased No Each 5,784.0000

63

DAS  
28  
9-89

DAS  
6  
9-89

Location	Loc Qty	Loc Code
FP001	3	
122141	3	
GA	18	
122452	18	
ST314	304	
111668	1	
117885	32	
119017	55	
119075	138	
123265	43	
M126036	35	
ST506	1177	
123900	856	
124291	321	
ST510a	4282	
M126275	282	
M126333	4000	

DAS  
31  
9-89

63X

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS						
Part No. _____	Rework <input type="checkbox"/>	Scrap <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>					
NCR No. _____	Use-as-is <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>						
	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>							
	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>								
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge  <input type="checkbox"/> Other		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled	

# Picklist Print

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Page 4

Work Order ID: 107656

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutters

Start Date: 9/27/13

Start Qty: 1.00

Required Date: 9/27/13

Required Qty: 1.00

646.3110  
Channel

Manufactured No Each 11.0000

DAS  
6  
9-89

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST139A	4	
125083	4	
ST540	1	
93242	1	
ST542	6	
100124	6	

646.3110  
Doubler

Manufactured No Each 28.0000

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST425	1	
97175	1	
ST539	27	
100950	27	

646.3210  
Support

Manufactured No Each 11.0000

DAS  
6  
9-89

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST427	10	
102994	10	
ST538	1	
100123	1	

646.3713  
Gusset

Manufactured No Each 26.0000

DAS  
6  
9-89

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
st535	26	
102617	19	
99630	7	

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS					
			Rework Scrap Use-as-is Work Order Update	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other			
Part No. _____		NCR No. _____								
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data										
Equip/Tooling										
Operator										
Material										
Setup										
Other										
Process										
Supplier										
Training										
Unapproved										
FAULT CATEGORY										
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions						
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other						

# Picklist Print

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Page 5

Work Order ID: 107656

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutters

Start Date: 9/27/13

Required Date: 9/27/13

Start Qty: 1.00

Required Qty: 1.00

MS24694-S51

Purchased

No

Each 75.0000

Screw

DAS  
6  
9-89

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST303	75	
116805	1	
123741	12	
125654	62	

5

DAS  
31  
9-89

AN3-13A

Bolt

DAS  
6  
9-89

Purchased

No

Each 34.0000

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST512	34	
123759	34	

5X

DAS  
31  
9-89

AN3-42A

Bolt

DAS  
6  
9-89

Purchased

No

Each 353.0000

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST350	124	
120308	80	
122814	38	
124858	6	
ST512	229	
120770	15	
123900	1	
125445	213	

IX

DAS  
31  
9-89

CR3213-5-3

Cherry Rivet

DAS  
6  
9-89

Purchased

No

Each 306.0000

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST328	300	
m126333	300	
ST329	6	
123785	6	

10-X

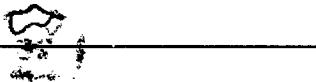
DAS  
28  
9-89

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order:		DISPOSITION			AGAINST DEPARTMENT/PROCESS				
Part No. 		Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>			
NCR No. 		Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>			
		Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>			
		Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>				
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									
FAULT CATEGORY									
Landing Gear			General						
<input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube			<input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio						
			<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions						
			<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge						
			<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled						
			<input type="checkbox"/> Other						

# Picklist Print

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Page 6

Work Order ID: 107656

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutters

Start Date: 9/27/13

Required Date: 9/27/13

Start Qty: 1.00

Required Qty: 1.00

MS20470ADS55  
Rivet

DAS  
6  
9-89

646.3711  
Clip

DAS  
6  
9-89

646.3712  
Clip

DAS  
6  
9-89

646.3811  
Radius Block

DAS  
6  
9-89

Purchased No Each 549.0000

Location Loc Qty Loc Code

ST336 549

123425 549

Manufactured No Each 37.0000

Location Loc Qty Loc Code

st535 30

101004 10

93929 20

ST536 7

102554 7

Manufactured No Each 38.0000

Location Loc Qty Loc Code

st535 30

101119 10

93949 20

ST536 8

100117 1

102553 7

Manufactured No Each 24.0000

Location Loc Qty Loc Code

ST139A 3

93224 3

st535 21

100131 21

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS					
			Rework Scrap Use-as-is Work Order Update	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other			
Part No. _____										
NCR No. _____										
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data										
Equip/Tooling										
Operator										
Material										
Setup										
Other										
Process										
Supplier										
Training										
Unapproved										
FAULT CATEGORY										
Landing Gear				General						
Bending	Bend	Grain	Ovalized	Pressure/Forced						
Centre Not Concentric to O/S	BOM/Route	Hardware	Over/Under tolerance	Temperature/Cure						
Cracks	Broken/Damaged	Inspection Incomplete	Part Incorrect	Weld						
Crushed/Crimped.	Burrs	Instructions Incomplete/Unclear	Part Lost/Missing	Wrong Stock Pulled						
Cuffs	Contamination	Maintenance	Part Moved							
Heat Treat	Countersink	Mislabeled	Positioned Wrong							
Inspection Strip in Tube	Cut Too Short	Misread	Power Loss/Surge							
Ripples in Bend	Drill Holes	Offset		Other						
Torque Waves in Extrusion	Drawing	Out of Calibration								
Turning Sequence	Finish	Out of Sequence								
Wave/Twist in Tube	Folio	Outside Dimensions								

# Picklist Print

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Page 7

Work Order ID: 107656

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutters

Start Date: 9/27/13

Start Qty: 1.00

Required Date: 9/27/13

Required Qty: 1.00

~~AN3-6A~~

Bolt

Purchased No Each 201.0000

DAS  
6  
9-89

Location Loc Qty Loc Code

ST350	130	
124296	18	
M126073	8	
M126192	100	
M126400	4	
ST351	61	
117441	34	
121166	13	
122993	10	
123831	4	
ST512	10	
122814	10	

2  
~~DAS~~  
28  
6-89  
13-10-3

2X

DAS  
31  
9-89

~~MS24694-S55~~

Screw

DAS  
6  
9-89

Purchased No Each 115.0000

Location Loc Qty Loc Code

ST303	115	
124296	61	
125535	54	

1  
~~DAS~~  
28  
6-89

DAS  
31  
9-89

~~646.3610~~

Filler

DAS  
6  
9-89

Manufactured No Each 23.0000

Location Loc Qty Loc Code

ST139A	6	
93434	1	
99849	5	
ST523	17	
102275	17	

1  
~~DAS~~  
28  
6-89

DAS  
31  
9-89

~~646.3714~~  
Gusset

DAS  
6  
9-89

Manufactured No Each 2.0000

Location Loc Qty Loc Code

ST521	2	
99597	2	

1  
~~DAS~~  
28  
6-89

DAS  
31  
9-89

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>			
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>			
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>			
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>				
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data										
Equip/Tooling										
Operator										
Material										
Setup										
Other										
Process										
Supplier										
Training										
Unapproved										
FAULT CATEGORY										
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions						
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other						
				<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled						

# Picklist Print

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Page 8

**Work Order ID:** 107656

**Parent Item:** 646.4001

**Start Date:** 9/27/13

**Required Date:** 9/27/13

**Parent Item Name:** AS350 Cable Cutters

**Start Qty:** 1.00

**Required Qty:** 1.00

MS20470AD5-6

RIVET

DAS

9-89

Purchased No Each 1,564.0000

Location Loc Qty Loc Code

ST336	1564	
105433	674	
124089	890	

8  
DAS  
28, 13-10-3  
DAS  
31  
9-89

8X

646.3812  
Gusset Bracket

6  
9-89

Manufactured No Each 4.0000

Location Loc Qty Loc Code

st535	4	
102345	1	
102772	3	

2  
DAS  
28  
31  
9-89

DAS  
31  
9-89

AN3-3A

Bolt

DAS  
6  
9-89

Purchased No Each 419.0000

Location Loc Qty Loc Code

ST350	419	
123831	7	
124552	1	
m126192	52	
m126249	359	

2X  
4

DAS  
28  
31  
9-89

DAS  
31  
9-89

646.3813

Strut Bracket

DAS  
6  
9-89

Manufactured No Each 6.0000

Location Loc Qty Loc Code

ST537	6	
100133	3	
99674	3	

4  
1

DAS  
28  
31  
9-89

DAS  
31  
9-89

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____		DISPOSITION		AGAINST DEPARTMENT/PROCESS					
		Rework <input type="checkbox"/>	Scrap <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>		
		Use-as-is <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>			
		Work Order Update <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>			
			Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>				
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									
FAULT CATEGORY									
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions					
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other					

# Picklist Print

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Page 9

**Work Order ID:** 107656

**Parent Item:** 646.4001

**Parent Item Name:** AS350 Cable Cutters

**Start Date:** 9/27/13

**Required Date:** 9/27/13

**Start Qty:** 1.00

**Required Qty:** 1.00

MS20470ADS-7

Rivet

DAS  
6  
9-89

Purchased No Each 2,098.0000

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
Mezz	1384	
2655	799	
3011	585	
ST336	714	
123425	714	

13

DAS  
28  
6-89

13-10-3

MS21047-3

Nut-Plate

DAS  
6  
9-89

Purchased No Each 665.0000

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
GA	90	
125535	90	
ST316	75	
123268	25	
123301	50	
st507	500	
125654	500	

3X

DAS  
28  
6-89

DAS  
31  
9-89

CCR264SS3-02

Rivet, Cherry

DAS  
6  
9-89

Purchased No Each 678.0000

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST327	678	
106578	100	
124259	22	
M125952	264	
126282	292	

36-

DAS  
28  
6-89

DAS  
31  
9-89

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>			
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data <input type="checkbox"/> Equip/Tooling <input type="checkbox"/> Operator <input type="checkbox"/> Material <input type="checkbox"/> Setup <input type="checkbox"/> Other <input type="checkbox"/> Process <input type="checkbox"/> Supplier <input type="checkbox"/> Training <input type="checkbox"/> Unapproved <input type="checkbox"/>										
FAULT CATEGORY										
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube <input type="checkbox"/>	General									
	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain	<input type="checkbox"/> Ovalized	<input type="checkbox"/> Pressure/Forced						
	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware	<input type="checkbox"/> Over/Under tolerance	<input type="checkbox"/> Temperature/Cure						
	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete	<input type="checkbox"/> Part Incorrect	<input type="checkbox"/> Weld						
	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear	<input type="checkbox"/> Part Lost/Missing	<input type="checkbox"/> Wrong Stock Pulled						
	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance	<input type="checkbox"/> Part Moved	<input type="checkbox"/>						
	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabeled	<input type="checkbox"/> Positioned Wrong	<input type="checkbox"/> Other						
	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread	<input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/>						
	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset	<input type="checkbox"/>	<input type="checkbox"/>						
	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration	<input type="checkbox"/>	<input type="checkbox"/>						
	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence	<input type="checkbox"/>	<input type="checkbox"/>						
	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions	<input type="checkbox"/>	<input type="checkbox"/>						
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						

# Picklist Print

September-27-13 1:05:30 PM

Page 10

Work Order ID: 107656

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutters

Start Date: 9/27/13

Required Date: 9/27/13

Start Qty: 1.00

Required Qty: 1.00



DAS  
6  
9-89

646.3715  
Strut Doubler

DAS  
6  
9-89

MS27039-1-12  
Screw

DAS  
6  
9-89

Purchased No Each 1,593.0000

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

FP001	12	
122800	12	
GA	120	
117423	120	
ST350	22	
120187	22	
ST511	1000	
m126559	1000	
ST512	439	
122416	19	
124561	420	

2  
DAS  
28  
13-10-3

DAS  
31  
9-89

Manufactured No Each 13.0000

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

ST523A	13	
102988	3	
103610	10	

2X  
2

DAS  
28  
9-89

DAS  
31  
9-89

Purchased No Each 218.0000

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

Mezz	18	
100993	18	
ST305	200	
125654	200	

2X  
6

DAS  
28  
9-89

DAS  
31  
9-89

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>			
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>			
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>			
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>				
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data										
Equip/Tooling										
Operator										
Material										
Setup										
Other										
Process										
Supplier										
Training										
Unapproved										
FAULT CATEGORY										
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions						
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other						

# Picklist Print

September-27-13 1:05:30 PM

Page 11

Work Order ID: 107656

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutters

Start Date: 9/27/13

Required Date: 9/27/13

Start Qty: 1.00

Required Qty: 1.00

646.3716  
Gauge Bracket

Manufactured No Each 39.0000

DAS  
6  
9-89

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
st535	30	
101528	10	
93198	20	
ST536	9	
100120	1	
102552	8	

MS20426AD5-7  
RIVET

Purchased No Each 691.0000

DAS  
6  
9-89

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST334	691	
101340	691	

MS24694-S54  
SCREW

Purchased No Each 508.0000

DAS  
6  
9-89

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST303	508	
125535	508	

MS27039-1-21  
Screw

Purchased No Each 340.0000

DAS  
6  
9-89

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST306	4	
115935	4	
ST506	336	
124326	236	
m126319	100	

MS27039-1-20  
Screw

Purchased No Each 428.0000

DAS  
6  
9-89

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
st510	428	
124326	428	

NCR: Yes / No

# **WORK ORDER NON-CONFORMANCE / UPDATE**

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____				DISPOSITION		AGAINST DEPARTMENT/PROCESS					
				Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>			
Part No. _____											
NCR No. _____											
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear				General							
				Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube <input type="checkbox"/>	Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/>	Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions <input type="checkbox"/>	Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other <input type="checkbox"/>			

# Picklist Print

September-27-13 1:05:30 PM

Page 12

**Work Order ID:** 107656

**Parent Item:** 646.4001

**Start Date:** 9/27/13

**Required Date:** 9/27/13

**Parent Item Name:** AS350 Cable Cutters

**Start Qty:** 1.00

**Required Qty:** 1.00

MS27039-119  
Screw

Purchased No Each 1,266.0000

DAS  
6  
9-89

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST306	102	
122814	2	
123522	100	
ST504	1000	
125654	1000	
ST506	164	
124326	164	

22

DA  
28  
13-10-3

646.3717  
Doubler  
DAS  
6  
9-89

Manufactured No Each 6.0000

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST523A	6	
104680	6	

22X

DAS  
28  
31  
9-89

646.3718  
Custom Washer

Manufactured No Each 25.0000

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST523A	10	
103012	10	
ST536	15	
100128	15	

IX

DAS  
28  
31  
9-89

646.3719  
Doubler  
DAS  
6  
9-89

Manufactured No Each 8.0000

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST523A	8	
104679	8	

2X

DAS  
28  
31  
9-89

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS					
Part No. _____	Rework <input type="checkbox"/>	Scrap <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
NCR No. _____	Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>					
	Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data										
Equip/Tooling										
Operator										
Material										
Setup										
Other										
Process										
Supplier										
Training										
Unapproved										
FAULT CATEGORY										
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions						
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other						
				<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled						

# Picklist Print

September-27-13 1:05:30 PM

Page 13

Work Order ID: 107656

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutters

Start Date: 9/27/13

Required Date: 9/27/13

Start Qty: 1.00

Required Qty: 1.00

MS27039-1:10  
SCREW

DAS  
6  
9-89

Purchased No Each 728.0000

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
GA	100	
120449	100	
ST305	200	
122815	1	
124859	100	
125654	99	2X
ST308	18	
123522	18	
ST506	410	
124326	10	
m126474	400	

2  
DAS  
28  
13-10-3

AN3-11A  
Bolt  
DAS  
6  
9-89

Purchased No Each 870.0000

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST351	492	
m125709	492	
ST512	378	
115457	100	
123352	200	
123759	78	8X

8  
DAS  
28  
DAS  
31  
9-89

600.0990  
MAGNABOND 6398 PART A

DAS  
6  
9-89

Purchased No Each 53.0000

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST	8	
m126215	8	
ST418	45	
m126233	45	IX

DAS  
28  
DAS  
31  
9-89

NCR: Yes / No

# **WORK ORDER NON-CONFORMANCE / UPDATE**

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coor. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>				
Part No. _____ NCR No. _____											
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear				General							
Bending	General			Bend <input type="checkbox"/>	Grain <input type="checkbox"/>	Ovalized <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>				
Centre Not Concentric to O/S				BOM/Route <input type="checkbox"/>	Hardware <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>				
Cracks				Broken/Damaged <input type="checkbox"/>	Inspection Incomplete <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>	Weld <input type="checkbox"/>				
Crushed/Crimped.				Burrs <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>				
Cuffs				Contamination <input type="checkbox"/>	Maintenance <input type="checkbox"/>	Part Moved <input type="checkbox"/>					
Heat Treat				Countersink <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>					
Inspection Strip in Tube				Cut Too Short <input type="checkbox"/>	Misread <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>					
Ripples in Bend				Drill Holes <input type="checkbox"/>	Offset <input type="checkbox"/>						
Torque Waves in Extrusion				Drawing <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>						
Turning Sequence				Finish <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>						
Wave/Twist in Tube				Folio <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>						

# Picklist Print

September-27-13 1:05:30 PM

Page 14

Work Order ID: 107656

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutters

Start Date: 9/27/13

Required Date: 9/27/13

Start Qty: 1.00

Required Qty: 1.00

600.0991  
MAGNOBOND 6398 PART B

Purchased No Each 53.0000

DAS  
6  
9-89

Location Loc Qty Loc Code

ST 8  
m126215 8  
ST418 45  
m126233 45

600.1012  
Sealant (#6544emkit)  
6  
9-89

Purchased No Each 31.0000

Location Loc Qty Loc Code

st541 31  
m126248 20  
m126972 11

600.0129  
VHB TAPE 75935A651

Purchased No f 139.0000

Location Loc Qty Loc Code

ST 139  
125031 3  
125540 136

600.1013  
021200-3M TAPE PRIMER 94 PRIMER 24216

Purchased No Each 820.0000

Location Loc Qty Loc Code

ST139A 820  
125154 820

646.3910  
Shim

Manufactured No Each 34.0000

Location Loc Qty Loc Code

st535 12  
102850 12  
st541 22  
100135 22

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>			
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>			
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>			
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>				
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector	
Doc/Data										
Equip/Tooling										
Operator										
Material										
Setup										
Other										
Process										
Supplier										
Training										
Unapproved										
FAULT CATEGORY										
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions						
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other						

# Picklist Print

September-27-13 1:05:30 PM

Page 15

Work Order ID: 107656

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutters

Start Date: 9/27/13

Required Date: 9/27/13

Start Qty: 1.00

Required Qty: 1.00

646.3911  
Shim

Manufactured No Each 7.0000

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST139A	6	
99775	6	
ST139d	1	
93362	1	

1  
DAS  
28  
13-10-3

646.3912  
Shim

Manufactured No Each 40.0000

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST139d	4	
93423	4	
st535	20	
103082	20	
st541	16	
102271	12	
99841	4	

4  
DAS  
28  
B75811

646.3913  
Shim

Manufactured No Each 31.0000

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST139d	11	
93160	11	
st541	20	
100136	20	

1  
DAS  
28

DAS  
6  
9-89

NCR: Yes / No

# **WORK ORDER NON-CONFORMANCE / UPDATE**

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear				General							
Bending				Bend <input type="checkbox"/>	Grain <input type="checkbox"/>	Ovalized <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>				
Centre Not Concentric to O/S				BOM/Route <input type="checkbox"/>	Hardware <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>				
Cracks				Broken/Damaged <input type="checkbox"/>	Inspection Incomplete <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>	Weld <input type="checkbox"/>				
Crushed/Crimped.				Burrs <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>				
Cuffs				Contamination <input type="checkbox"/>	Maintenance <input type="checkbox"/>	Part Moved <input type="checkbox"/>					
Heat Treat				Countersink <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>					
Inspection Strip in Tube				Cut Too Short <input type="checkbox"/>	Misread <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Other <input type="checkbox"/>				
Ripples in Bend				Drill Holes <input type="checkbox"/>	Offset <input type="checkbox"/>						
Torque Waves in Extrusion				Drawing <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>						
Turning Sequence				Finish <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>						
Wave/Twist in Tube				Folio <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>						

# Picklist Print

September-27-13 1:05:31 PM

Page 16

Work Order ID: 107656

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutters

Start Date: 9/27/13

Start Qty: 1.00

Required Date: 9/27/13

Required Qty: 1.00

AN3-12A  
Bolt

Purchased No Each 185.0000

2

28  
13-10-2

DAS  
6  
9-89

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
GA	6	
122407	6	
ST351	179	
114536	1	
123352	2	
m125709	100	
m125752	2	
m126192	74	

DAS  
31  
9-89

MS27039-1-16  
Screw

Purchased No Each 194.0000

2X  
2

DAS  
28  
9-89

DAS  
6  
9-89

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST306	194	
125654	194	

DAS  
31  
9-89

NCR: Yes / No

DQA: \_\_\_\_\_ Date: \_\_\_\_\_

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order: _____			DISPOSITION		AGAINST DEPARTMENT/PROCESS										
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>								
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>								
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>								
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>									
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector						
Doc/Data															
Equip/Tooling															
Operator															
Material															
Setup															
Other															
Process															
Supplier															
Training															
Unapproved															
FAULT CATEGORY															
<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio		<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled		<input type="checkbox"/> Other	

**APICAL**  
INDUSTRIES, INC.

ENGINEERING CHANGE NOTICE NO. 03079

SHEET 1 OF 1

DWG NO. 646.4000

REV: A

PREPARED BY: N.CAP

DATE: 03/21/11

EFFECT ON DWG  
 INC.  UNINC.

DWG TITLE: AS350 CABLE CUTTERS KIT

APPROVED BY:

ENGR: *P. Branc*

MFG:

*David Batten*

QC:

*Thomas J. Sosa*

EFF:

NEXT ORDER

TRANSACTION CODES (TC)  
A-ADD C-CREATE  
R-REVISE D-DELETE

REASON: CREATED FIXED AND CCK WITHOUT FIXED PROVISIONS KIT

SHEET 1, BOM, IS:

107656 MLJ

1309-30

REF	REF	REF	65	647.5701	GPS MOUNT KIT	⚠
16	64	6013151	64	WASHER	MS2147002P	
3	63	6012911	63	SCREW	MS2465433P	
2	2	62	6012637	SCREW	MS27639-1-18	
2	2	61	6012763	BOLT	MS3-12A	
1	1	60	6463913	SHIM		
4	1	59	6463912	SHIM		
1	1	58	6463911	SHIM		
4	4	57	6463910	SHIM		
5	5	56	6001013	PRIMER		
8 FT	8 FT	55	6001029	VHB TAPE		
1	1	54	6001012	SEALANT	PN-142 CLASS 3	
ASH	ASH	ASH	FIND #	PART #	DESCRIPTION	WATL. SPEC.

1	53	6001991	MANUFACTURED 6370 PART B	⚠		
1	52	6001990	MANUFACTURED 6370 PART A			
8	8	51	6012826	BOLT		
1	2	50	6463914	WIPER BRACKET		
2	2	49	6012910	SCREW		
2	2	48	6011365	SCREW		
2	2	47	6463719	DOUBLER		
2	2	46	6463718	CUSTOM WASHER		
1	1	45	6463717	DOUBLER		
22	2	44	6011948	SCREW		
2	2	43	6011952	SCREW		
4	4	42	6011956	SCREW		
2	2	41	6012829	SCREW		
2	2	40	6012831	RIVET		
1	1	39	6463716	GAUGE BRACKET		
6	6	38	6011953	SCREW		
2	2	37	6463715	STRUT DOUBLER		
2	2	36	6012824	BOLT		
36	36	35	6012277	RIVET		
18	18	34	6001795	NUTPLATE		
3	3	33	6012565	RIVET		
1	1	32	6463813	STRUT BRACKET		
4	4	31	6012822	BOLT		
2	2	30	6463812	GUSSET BRACKET		
8	8	29	6012564	RIVET		
1	1	28	6463714	GUSSET		
1	1	27	6463610	FILLER		
2	2	26	6012830	SCREW		
1	1	24	6463811	RADIUS BLOCK		
1	1	23	6463712	CLIP		
1	1	22	6463711	CLIP		
8	8	21	6012832	RIVET		
14	14	20	6012020	RIVET		
10	10	19	6012823	BOLT		
10	10	18	6012827	BOLT		
5	5	17	6012912	SCREW		
1	1	16	6463713	GUSSET		
1	1	15	6463210	SUPPORT		
1	1	14	6463710	DOUBLER		
1	1	13	6463100	CHANNEL		
8	55	16	63	12	LOCKNUT	MS21043.3
19	116	16	134	11	WASHER	MS2147002P
			10	6463411	RH WIPER DEFLECTOR	
			9	6463410	LH WIPER DEFLECTOR	
			8	6463513	STRUT	
			7	6463512	STRUT	
			6	6463511	STRUT	
			5	6463510	STRUT	
			2	6463810	BRACKET	
			3	6462910	DEFLECTOR	
			2	6463001	LOWER CUTTER ASSY	
			1	6463301	UPPER CUTTER ASSY	
X			6464004		FIXED PROVISIONS KIT	
X			6464003		LOCKNUT SET KIT	
			6464008		LOCK WASHER KIT	
			6464001		AS350 CABLE CUTTERS KIT	
ASH	ASH	ASH	FIND #	PART #	DESCRIPTION	WATL. SPEC.

DOCUMENTS EFFECTED:

MDL  INSTALL INSTRUC  ICA  BOM

CHANGE CATEGORY

MAJOR  MINOR

DER REVIEW REQUIRED

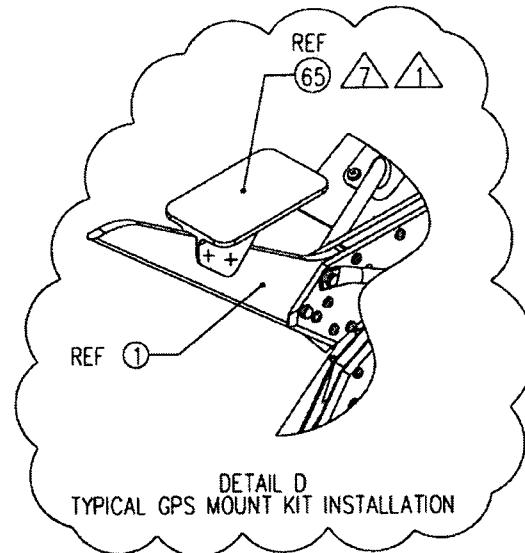
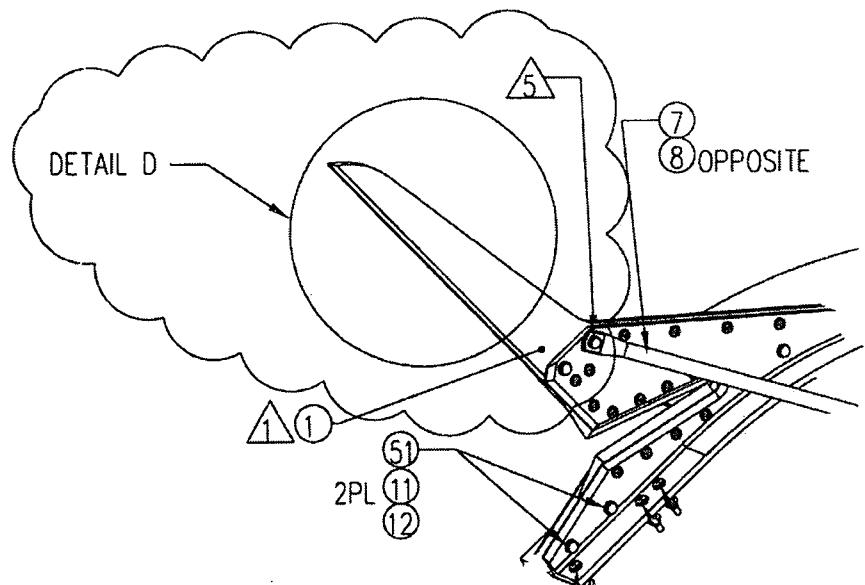
YES  NO

107656

<b>APICAL INDUSTRIES, INC.</b>	ENGINEERING CHANGE NOTICE NO. 03046				SHEET 1 OF 1	
	DWG NO. 646.4000	REV: A	PREPARED BY J. JACKSON	DATE: 01/24/11	EFFECT ON DWG <input type="checkbox"/> INC. <input checked="" type="checkbox"/> UNINC.	
	DWG TITLE: AS350 CABLE CUTTERS KIT					
	APPROVED BY:	ENGR <i>Z Brane</i>	MFG <i>David Barker</i>	QC <i>Manuel Leyva</i>	EFF: NEXT ORDER	
	TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: ADDED GPS MOUNT KIT, F/N 65. REVISED DRAWING VIEWS. ADDED NOTE <b>7</b>			

SHEET 1, ZONE B1 IS:

**7** AT CUSTOMERS OPTION, INSTALL F/N 65 BY MATCH DRILLING ONTO F/N 1.

SHEET 2, ZONE A4 IS:SHEET 2, ZONE B2 IS:DETAIL D  
TYPICAL GPS MOUNT KIT INSTALLATION

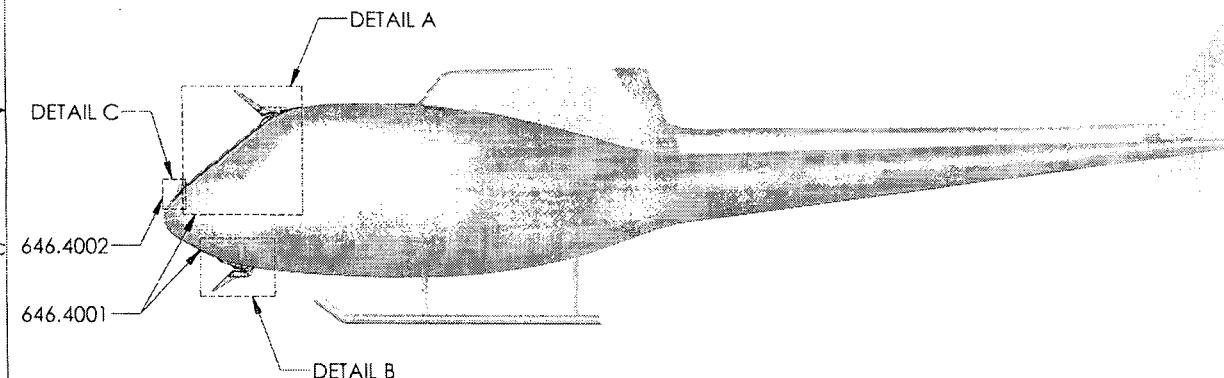
65	A	647.5701	REF	GPS MOUNT KIT	<b>7</b>	
F/N	TC	PART NUMBER	.4001	DESCRIPTION	MATERIAL	SPECIFICATION
			QTY			
DOCUMENTS EFFECTED:				<input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM	CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

107656

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## NOTES:

- AFTER INSTALLATION, APPLY F/N 54 A/R TO FILL GAPS AND FILLET EDGES**
  - INSTALL F/N 14 WITH F/N 52 & 53**
  - 3M VHB ADHESIVE TAPE .025" THICK X .50" WIDE  
VENDOR : MCMASTER-CARR P/N 75935A651**
  - 3M TAPE PRIMER 94, APPLY TO BOTH SURFACES A/R BEFORE TAPE  
VENDOR: R.S. HUGHES P/N 021200-24216**
  - REUSE FASTENERS FROM F/N 1**
  - USE WASHERS AS REQUIRED AS SHIMS TO OBTAIN BEST FITMENT**



6	64	601.3151	WASHER	N511494283P
2	63	601.2911	SCREW	MS249452
2	62	601.2632	SCREW	MS249391-16
2	61	601.2763	BOLT	ANS 112A
1	60	646.3913	SHIM	
4	59	646.3912	SHIM	
1	58	646.3911	SHIM	
1	XN	END #	PART #	DESCRIPTION

PENSIONS			
REQ.	DESCRIPTION	DATE	APPROV.
A	INCORPORATED FNG 02199 C2251 02719 2.05765	02/06/2010	P. BRYAN

107656

1 2  
3 4 5 6 7 8

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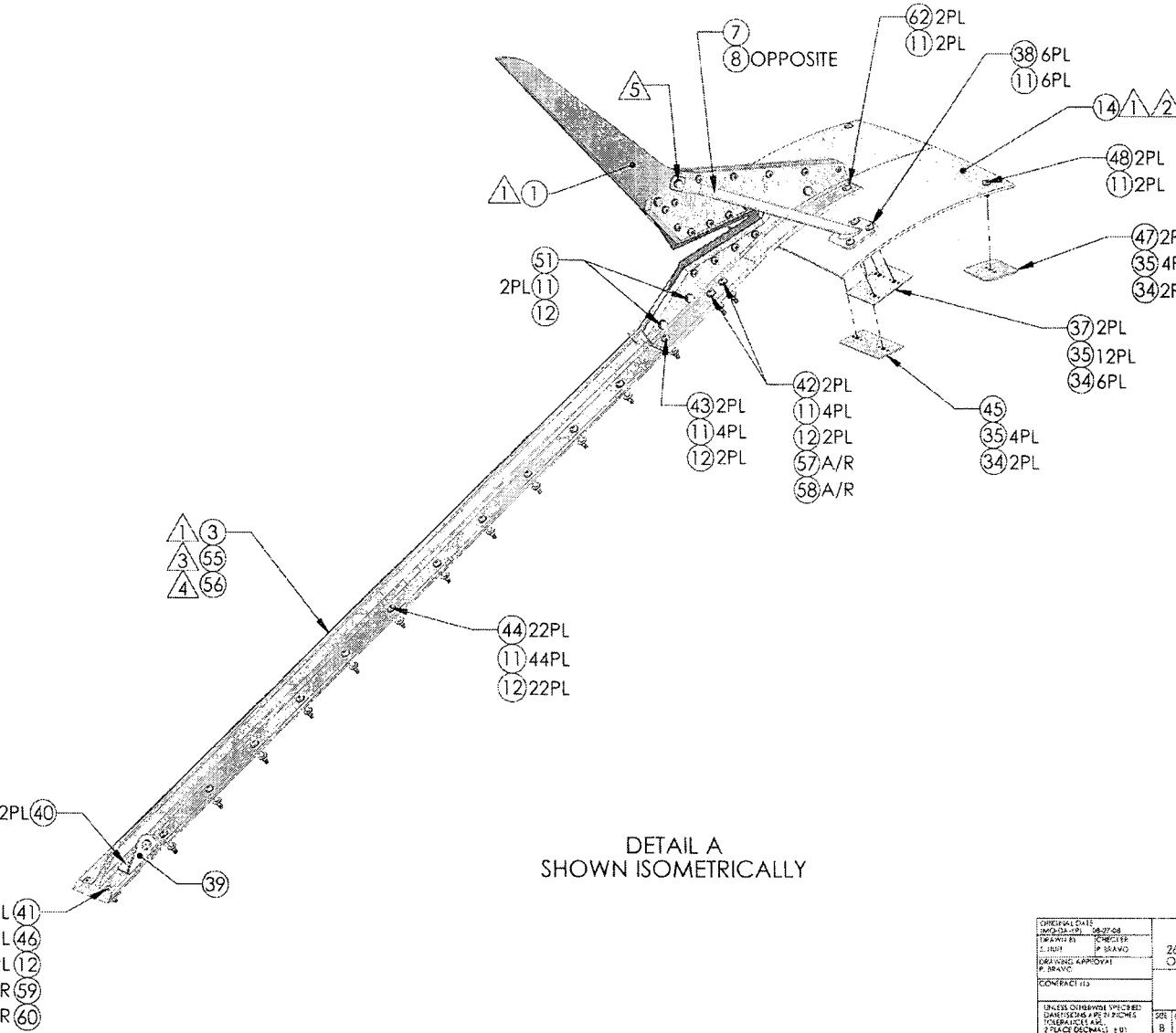
A

B

C

D

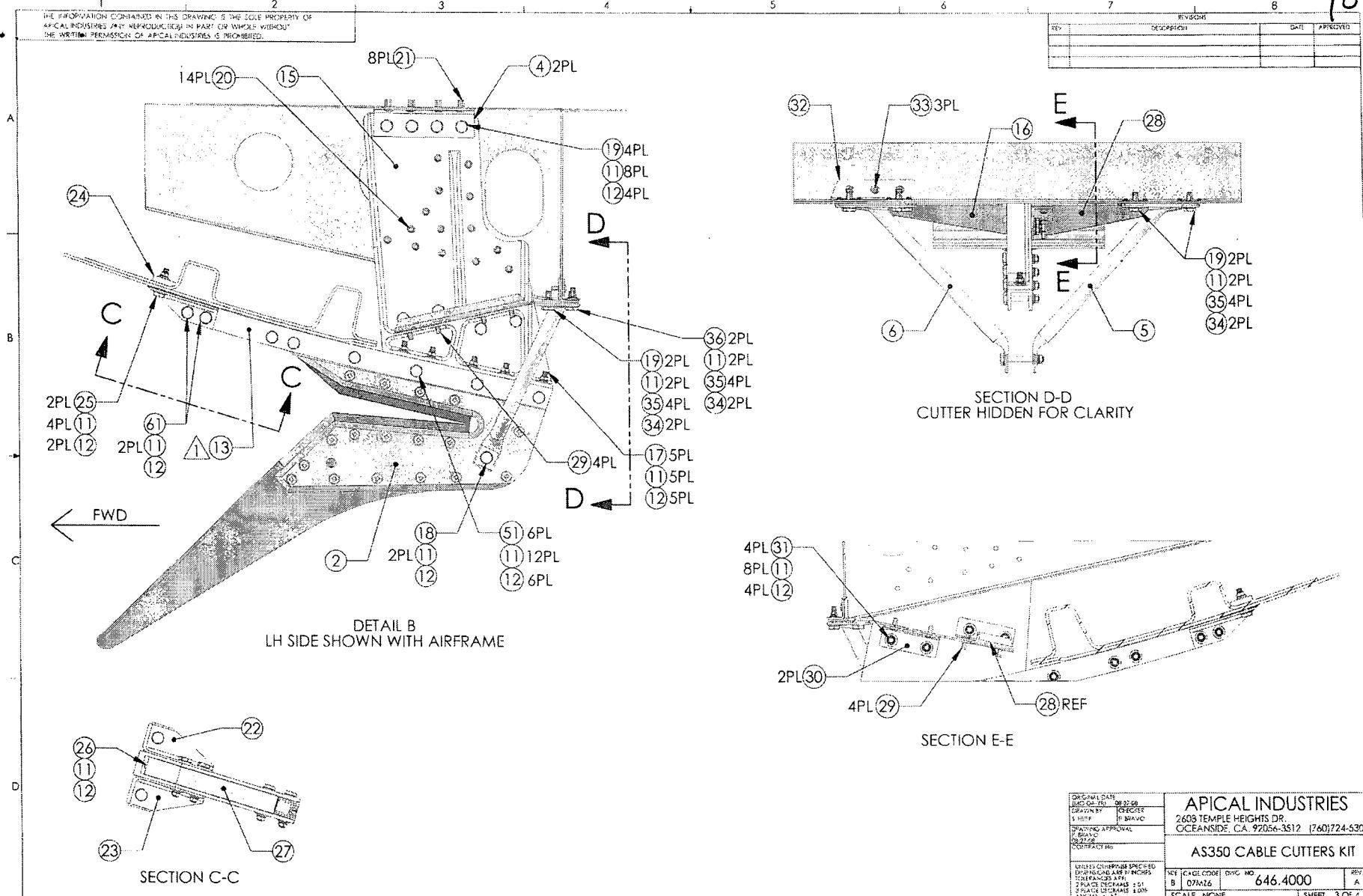
DETAIL A  
SHOWN ISOMETRICALLY



SPC/DATE: 10/10/01	REV/CODE: 08/27/08
DRAWN BY: SCHNEIDER	APL'D BY: P. BRAVO
SUPERVISING APPROVAL:	P. BRAVO
COMPT'D BY:	
UNLESS OTHERWISE SPECIFIED: DRAWINGS ARE IN INCHES TOLERANCES: +0.00 2 PLACE DECIMALS: +0.0 3 PLACE DECIMALS: +0.00 ANGLES: ± 3°	AS350 CABLE CUTTERS KIT
B: 07M26	CAGE CODE: D4G. NO: 646.4000
SCALE: NONE	REV: A
	SHEET 2 OF 4

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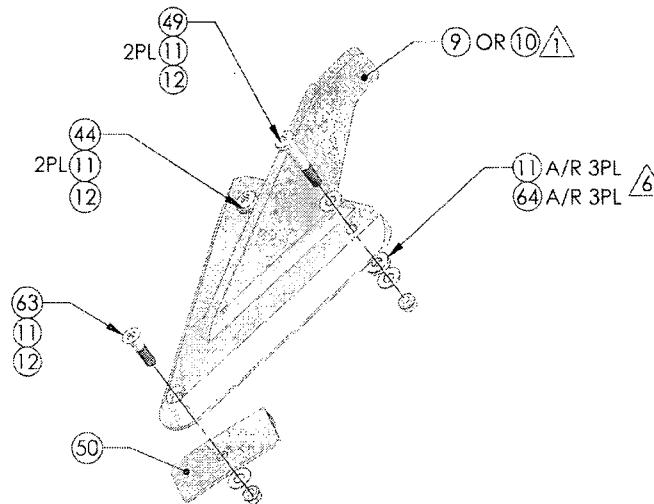


DATE: 09-07-08 DRAWN BY: J. HUFF 1. TITLE: APICAL INDUSTRIES 2. DRAWING APPROVAL: 3. DRAWING CONTRACT NO:	APICAL INDUSTRIES 2603 TEMPLE HEIGHTS DR. OCEANSIDE CA. 92056-3512 (760)724-5300
<b>AS350 CABLE CUTTERS KIT</b>	
NET: 0.77426 CAGE CODE: B REV: A	DOC. NO: 646.4000 SCALE: NONE 1 SHEET 3 OF 4

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REV			DESCRIPTION		DATE	APPROVED

107656



DETAIL C  
LH SHOWN EXPLODED  
RH OPPOSITE

ORIGINAL DATE 08-27-08 DRAWN BY J. HUFF S. HUFF SPONSOR APPROVAL: R. R. COX S&S 2124 EXTRACT NO.	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300
AS350 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES 1 PLACE DECIMALS 1 DP 2 PLACES DECIMALS 1 DP 3 PLACES DECIMALS 1 DP ANGLES IN DEGREES	REV B 07M16 DWG NO 646.4000 SCALE NONE 1 SHEET 4 OF 4

**Work Order ID 107656**

September-27-13 1:05:31 PM

**\*107656\***

Page 1

Item ID: 646.4001

Accept

Revision ID:

Item Name: AS350 Cable Cutters

Start Date: 9/27/13 Start Qty: 1.00

**\*1\***

Required Date: 9/27/13 Req'd Qty: 1.00

**\*1\***

Reference:

Approvals: Process Plan: *MLJ*Date: *13-09-30* Tooling:

Date:

Run Start

QC:

Date: SPC (Y/N):

Date:

Stop Start

**\*NR1\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

Draw Nbr

Revision Nbr

646.4000

A

*MLJ 13-10-03*

100

0.00

**\*100\***

DOCUMENT CONTROL

DC

0.00

Document Control

Memo *MLJ*  
Photocopy bluefile & type labels per PPP 646.4001

110

Pick Kit 0.00

**\*110\***

Memo 0.00

Packaging

Packaging

*DA 28**13-10-2*

120

QC4- 100% Inspect kits for completeness 0.00

**\*120\***

Memo 0.00

QC

Quality Control